FIG. 1

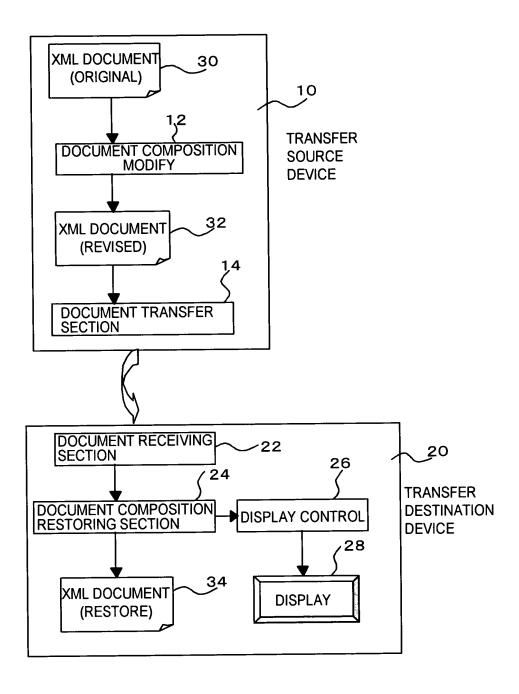


FIG. 2

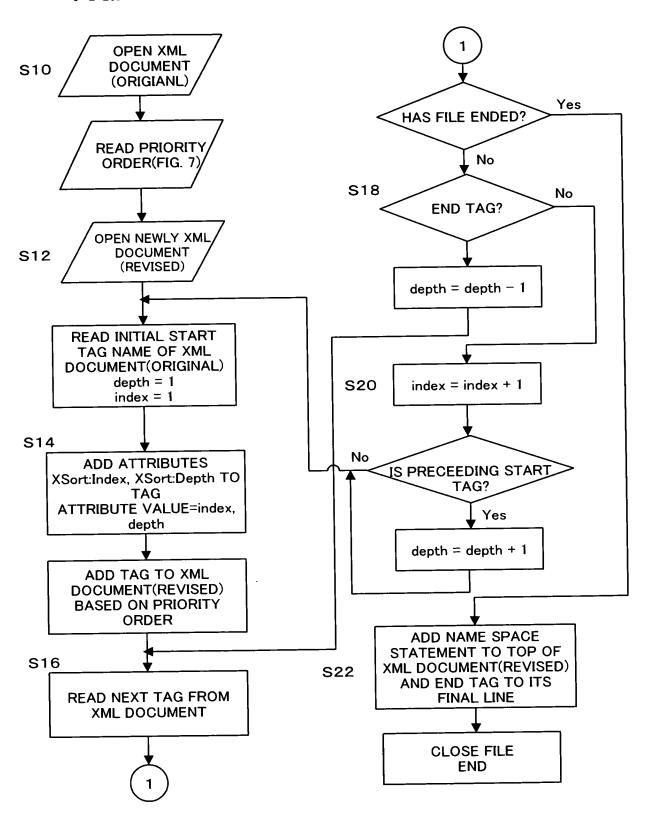
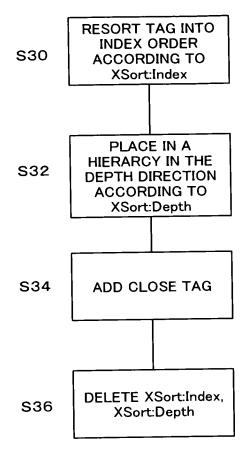


FIG. 3



#### XML DOCUMENT(ORIGINAL)

## FIG. 5

#### XML DOCUMENT(REVISED)

```
<XSort:SortedDocument xmlns:XSort=<u>http://xsort.fujitsu.com/</u>">
               yy="1921"
                                                      XSort:Index="5"
 <Birthday
                            mm="5"
                                        dd="3"
XSort:Depth="3"/>
 <PID num="534" XSort:Index="9" XSort:Depth="4"/>
 <Get0 XSort:Index="3" XSort:Depth="3" />
 <Get1 XSort:Index="4" XSort:Depth="3"/>
 <Remain XSort:Index="6" XSort:Depth="3"/>
 <TreeTop XSort:Index="1" XSort:Depth="1"/>
 <PersonalData XSort:Index="2" XSort:Depth="2"/>
 <OtherData XSort:Index="7" XSort:Depth="2"/>
 <Request XSort:Index="8" XSort:Depth="3"/>
</XSort:SortedDocument>
```

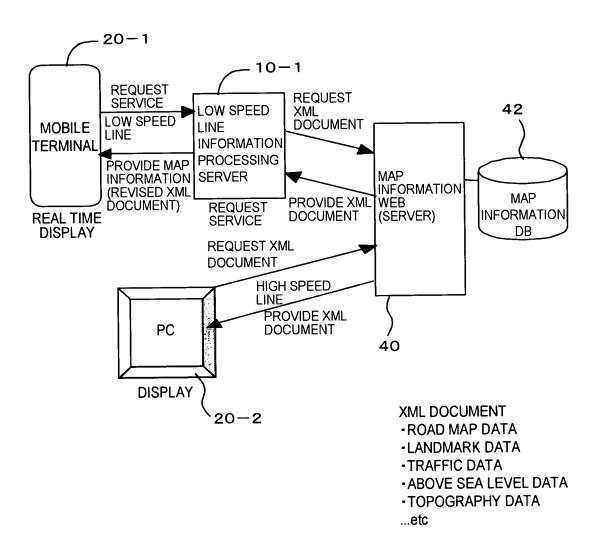
## XML DOCUMENT(REVISED)

```
<TreeTop>
<PersonalData>
<Get0/>
<Get1/>
<Birthday yy="1921" mm="5" dd="3"/>
<Remain/>
</PersonalData>
<OtherData>
<Request>
<PID num="534"/>
</Request>
</OtherData>
</freeTop>
```

# FIG. 7

PRIORITY ORDER	ELEMENT NAME
1	BirthDay
2	PID
3	Get0 Get1
4	Remain
5	OTHERS

FIG. 8



```
<Map LONGITUDE="E138.52" LATITUDE="N37.33">
 <ROAD MAP>
   <ROAD line="228.4 338.5 339.6 345.6 233.6......"/>
   <ROAD line="110.3 115.6 122.7 185.3 145.6....."/>
 </ROAD MAP>
 <LANDMARK>
   <PUBLIC>
     <FACILITY name="OCITY OFFICE" x="103.4" y="99.2"/>
     <FACILITY name="OFIRE DEPARTMENT" x="121.2" y="223.2"/>
   </PUBLIC>
   <AMUSEMENT>
     <FACILITY name="OBOWLING FACILITY" x="77.6" y="94.8"/>
     <AREA name="OPARK" x="45.1" y="75.4"/>
   </AMUSEMENT>
  </LANDMARK>
</Map>
```

```
name="OFIRE DEPARTMENT" x="121.2" y="223.2" XSort:Index="88" XSort:Depth="4"/>
                                                                                                                                                                                                                     <FACILITY name="OBOWLING FACILITY" x="77.6" y="94.8" XSort:Index="102" XSort:Depth="4"/>
                                                                                                                                                                                                                                                                                                                                                                                                                                                          name="OCITY OFFICE" x="103.4" y="99.2" XSort:Index="87" XSort:Depth="4"/>
                                                 <Map LONGITUDE="E138.52" LATITUDE="N37.33" XSort:Index="1" XSort:Depth="1"/>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 <ROAD line="228.4 338.5 339.6 345.6 233.6....." XSort:Index="3" XSort:Depth="3"/>
                                                                                                                                                                                                                                                                                  <FACILITY name="OPARK" x="45.1" y="75.4" XSort:Index="103" XSort:Depth="4"/>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            line="110.3 115.6 122.7 185.3 145.6......" XSort:Index="4" XSort:Depth="3"/>
<XSort:SortedDocument xmlns:XSort="http://xsort.fujitsu.com/">
                                                                                                                                                                 <AMUSEMENT XSort:Index="101" XSort:Depth="3"/>
                                                                                                     <LANDMARK XSort:Index="86" XSort:Depth="2"/>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             <ROAD MAP XSort:Index="2" XSort:Depth="2"/>
                                                                                                                                                                                                                                                                                                                                                                                                         <PUBLIC XSort:Index="86" XSort:Depth="3"/>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            </XSort:SortedDocument>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         <FACILITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                <FACILITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              <ROAD
```

```
name="OFIRE DEPARTMENT" x="121.2" y="223.2" XSort:Index="88" XSort:Depth="4"/>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           <FACILITY name="OBOWLING FACILITY" x="77.6" y="94.8" XSort:Index="102" XSort:Depth="4"/>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 name="OCITY OFFICE" x="103.4" y="99.2" XSort:Index="87" XSort:Depth="4"/>
                                               <Map LONGITUDE="E138.52" LATITUDE="N37.33" XSort:Index="1" XSort:Depth="1"/>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                <FACILITY name="OPARK" x="45.1" y="75.4" XSort:Index="103" XSort:Depth="4"/>
                                                                                                                                                                    <ROAD line="228.4 338.5 339.6 345.6 233.6....." XSort:Index="3" XSort:Depth="3"/>
                                                                                                                                                                                                                          line="110.3 115.6 122.7 185.3 145.6....." XSort:Index="4" XSort:Depth="3"/>
<XSort:SortedDocument xmlns:XSort="http://xsort.fujitsu.com/">
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     <AMUSEMENT XSort:Index="101" XSort:Depth="3"/>
                                                                                                                                                                                                                                                                                                                                                  <LANDMARK XSort:Index="86" XSort:Depth="2"/>
                                                                                                              <ROAD MAP XSort:Index="2" XSort:Depth="2"/>
                                                                                                                                                                                                                                                                                                                                                                                                        <PUBLIC XSort:Index="86" XSort:Depth="3"/>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       </XSort:SortedDocument>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   <FACILITY
                                                                                                                                                                                                                                <ROAD
```

FIG. 12

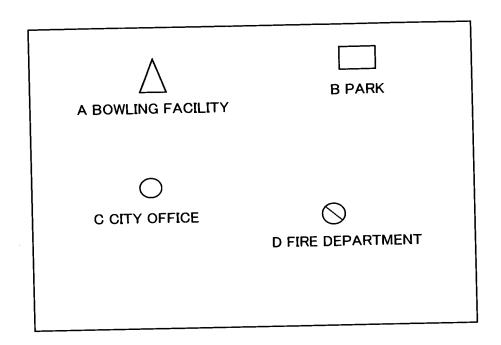


FIG. 13

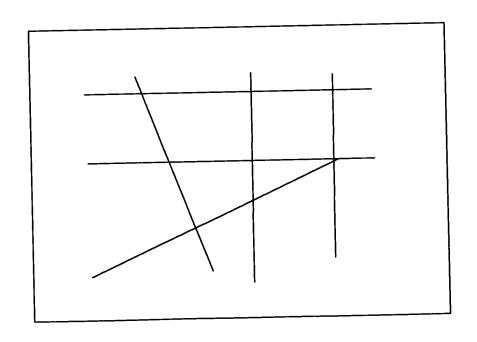


FIG. 14

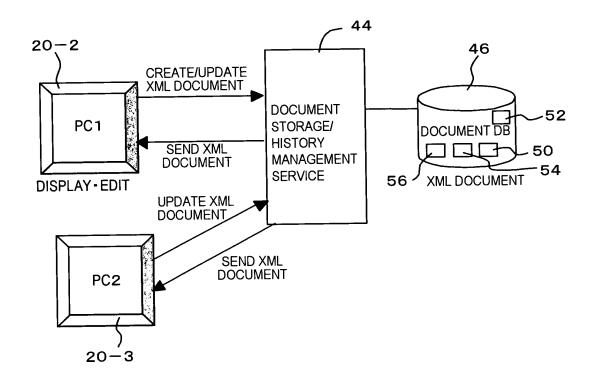
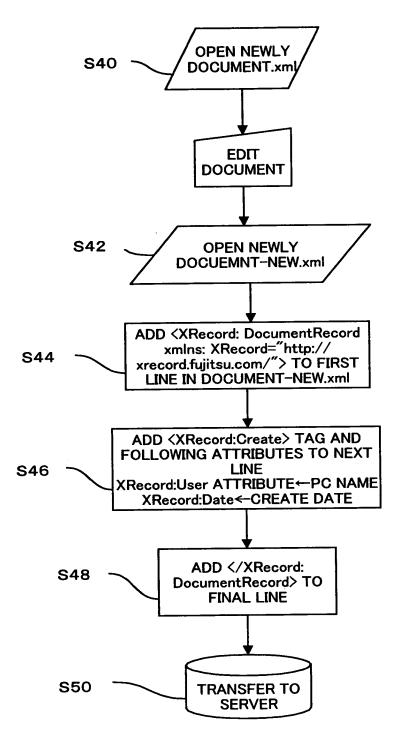
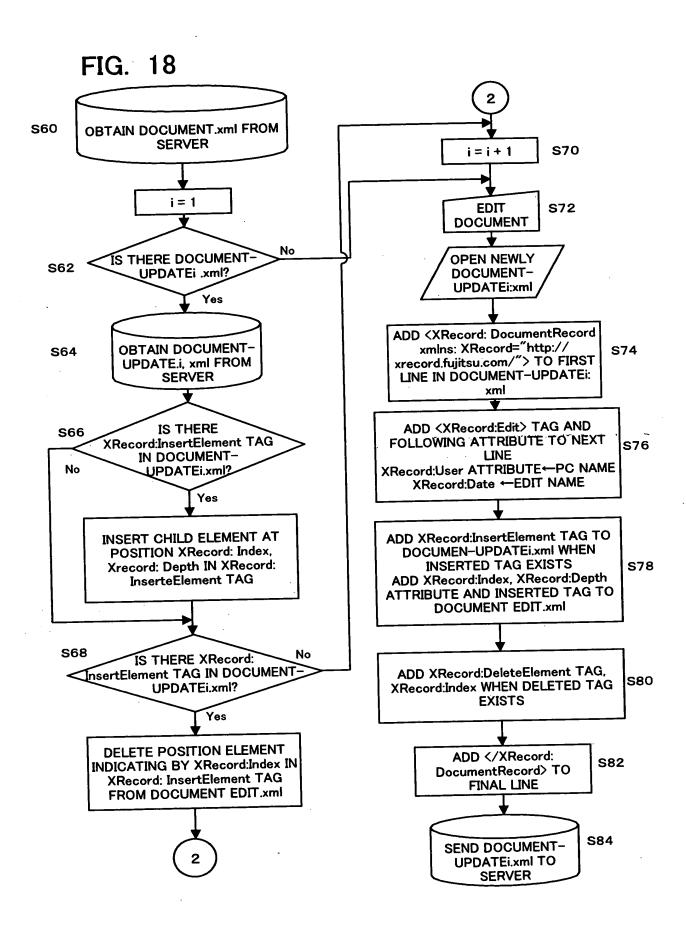


FIG. 15



# FIG. 17

<XRecord: DocumentRecord xmlns: XRecord = "http://xrecord.fujitsu.com/">
<XRecord: Create XRecord: User="PC1" XRecord: Date="2001/10/12" />
</XRecord: DocumentRecord>



```
<pre
```

### FIG. 20

```
<pre
```

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## FIG. 21

```
<Document>
  <Title>ORIGINAL</Title>
    <Content>
    <Data> Positive </Data>
    <Color Type="Red"
    </Content>
    </ Document>
```